

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091918AL\
 Data File : FC036386.D
 Signal(s) : FID1A.CH
 Acq On : 19 Sep 2018 9:44
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 19 10:35:28 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\FID_C\Method\Alaphatic EPH 082118.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 21 16:09:01 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.401	2567306	23.024 ug/ml
Spiked Amount 50.000		Recovery =	46.05%
12) S 1-chlorooctadecane (S...	12.841	1759607	21.561 ug/ml
Spiked Amount 50.000		Recovery =	43.12%
Target Compounds			
1) T n-Nonane (C9)	3.206	1835024	20.430 ug/ml
2) T n-Decane (C10)	4.271	1862124	20.688 ug/ml
3) T A-Naphthalene (C11.7)	5.843	2377546	23.624 ug/ml
4) T n-Dodecane (C12)	6.283	1920526	20.709 ug/ml
5) T A-2-methylnaphthalene...	6.894	2405628	23.891 ug/ml
6) T n-Tetradecane (C14)	8.069	1979412	20.853 ug/ml
7) T n-Hexadecane (C16)	9.662	2013931	21.157 ug/ml
8) T n-Octadecane (C18)	11.097	2035361	20.719 ug/ml
10) T n-Eicosane (C20)	12.401	2025189	20.957 ug/ml
11) T n-Heneicosane (C21)	13.011	1991431	21.157 ug/ml
13) T n-Docosane (C22)	13.594	1975021	21.208 ug/ml
14) T n-Tetracosane (C24)	14.693	1936812	21.180 ug/ml
15) T n-Hexacosane (C26)	15.712	1878684	20.945 ug/ml
16) T n-Octacosane (C28)	16.658	1833824	20.153 ug/ml
17) T n-Tricontane (C30)	17.541	1774171	18.438 ug/ml
18) T n-Dotriacontane (C32)	18.373	1740511	18.433 ug/ml
19) T n-Tetratriacontane (C34)	19.152	1688320	19.065 ug/ml
20) T n-Hexatriacontane (C36)	19.890	1604281	18.937 ug/ml
21) T n-Octatriacontane (C38)	20.600	1521472	18.246 ug/ml
22) T n-Tetracontane (C40)	21.447	1415760	16.860 ug/ml

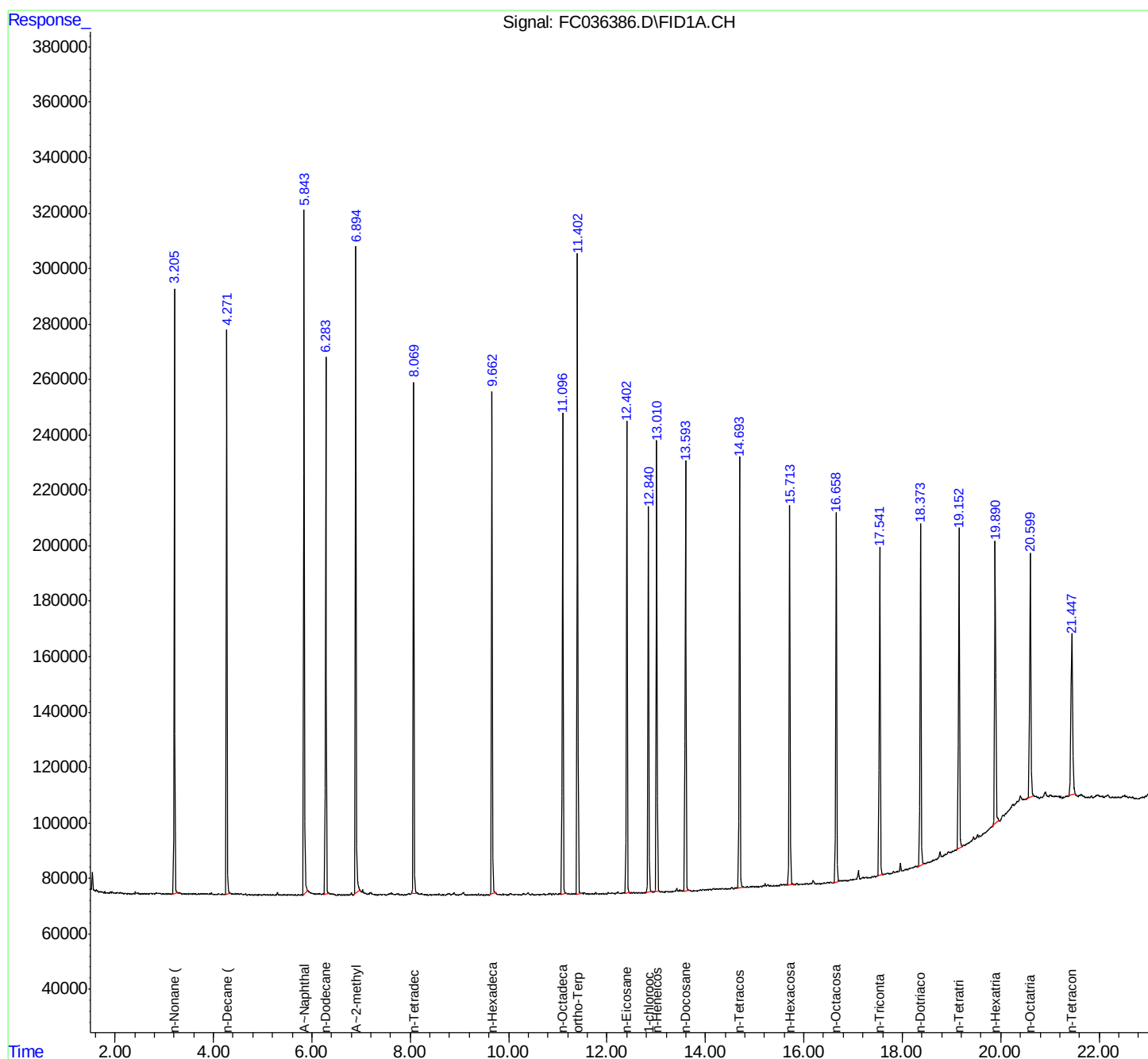
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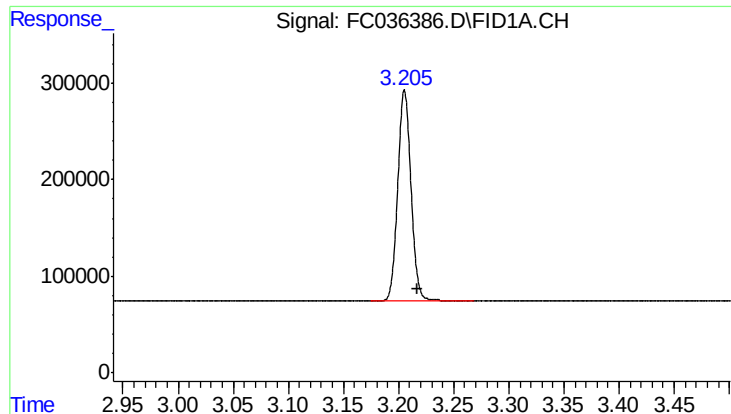
(m)=manual int.

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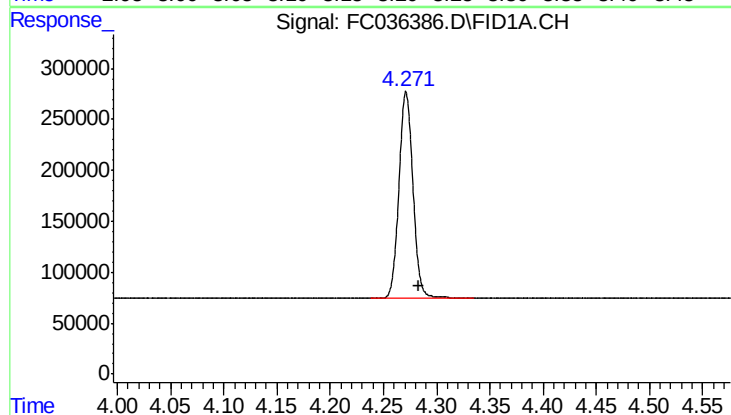
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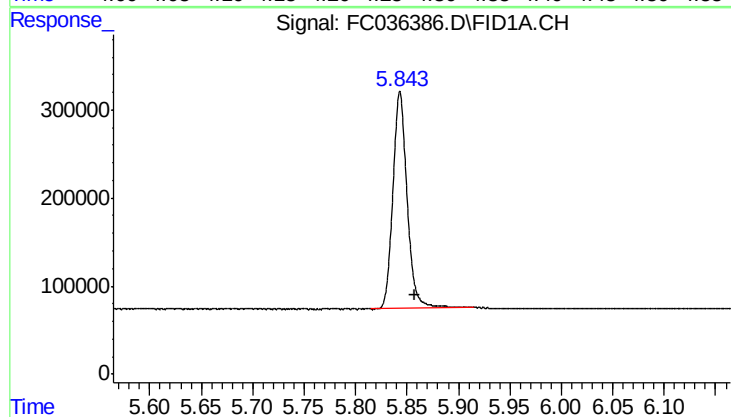
#1 n-Nonane (C9)

R.T.: 3.206 min
Delta R.T.: -0.011 min
Response: 1835024
Conc: 20.43 ug/ml



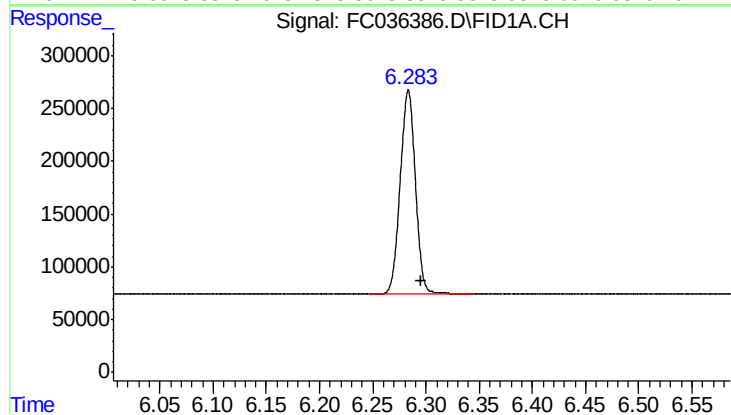
#2 n-Decane (C10)

R.T.: 4.271 min
Delta R.T.: -0.012 min
Response: 1862124
Conc: 20.69 ug/ml



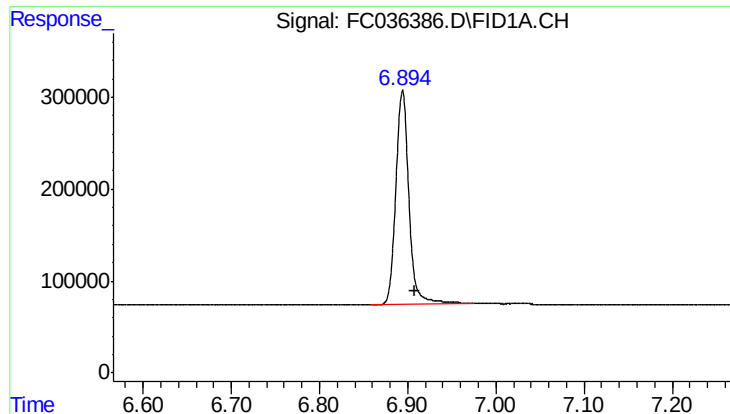
#3 A-Naphthalene (C11.7)

R.T.: 5.843 min
Delta R.T.: -0.015 min
Response: 2377546
Conc: 23.62 ug/ml



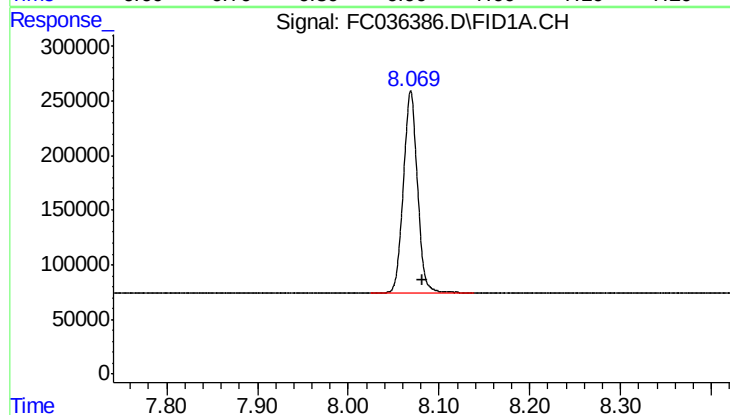
#4 n-Dodecane (C12)

R.T.: 6.283 min
Delta R.T.: -0.013 min
Response: 1920526
Conc: 20.71 ug/ml



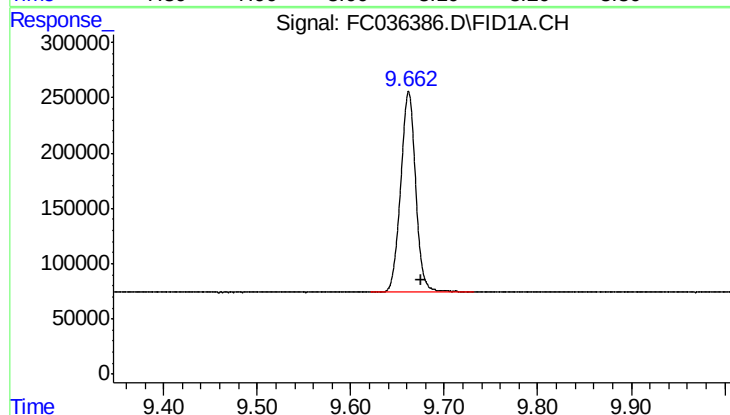
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.894 min
Delta R.T.: -0.014 min
Response: 2405628
Conc: 23.89 ug/ml



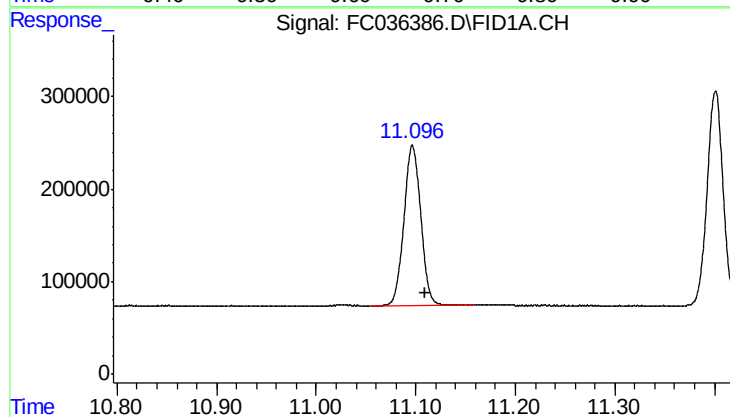
#6 n-Tetradecane (C14)

R.T.: 8.069 min
Delta R.T.: -0.013 min
Response: 1979412
Conc: 20.85 ug/ml



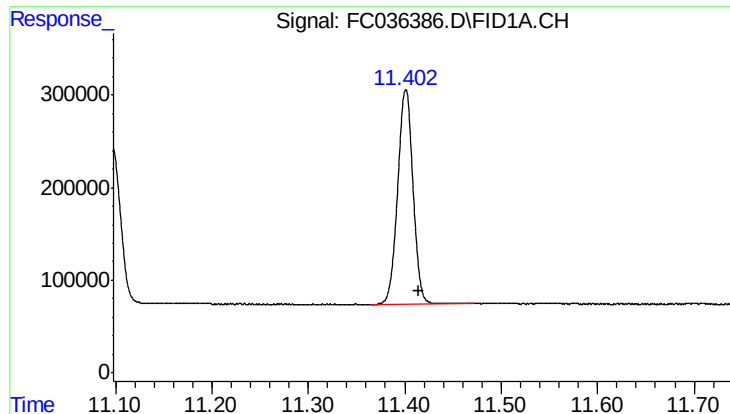
#7 n-Hexadecane (C16)

R.T.: 9.662 min
Delta R.T.: -0.013 min
Response: 2013931
Conc: 21.16 ug/ml



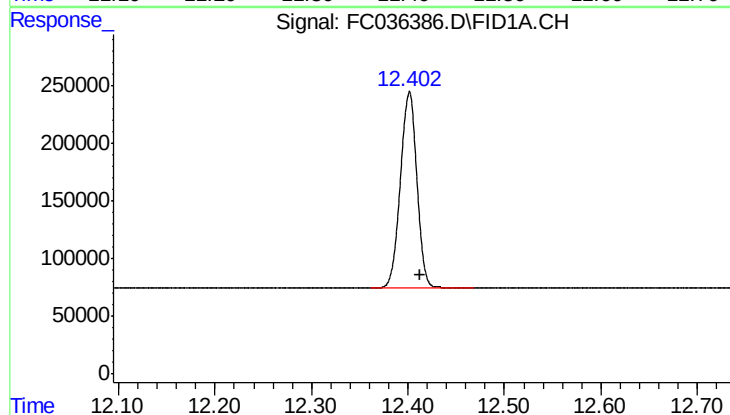
#8 n-Octadecane (C18)

R.T.: 11.097 min
Delta R.T.: -0.013 min
Response: 2035361
Conc: 20.72 ug/ml



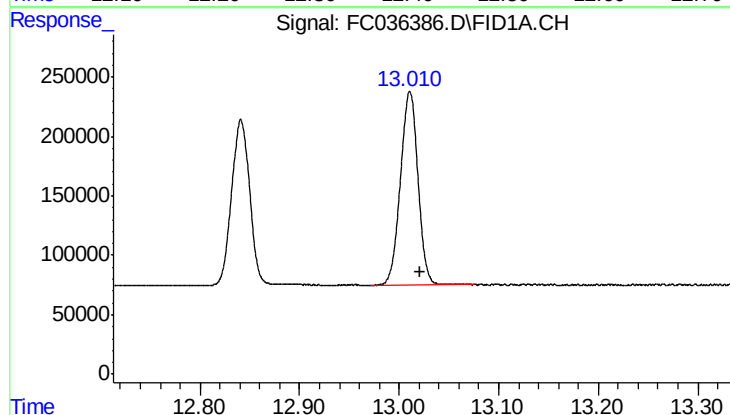
#9 ortho-Terphenyl (SURR)

R.T.: 11.401 min
Delta R.T.: -0.013 min
Response: 2567306
Conc: 23.02 ug/ml



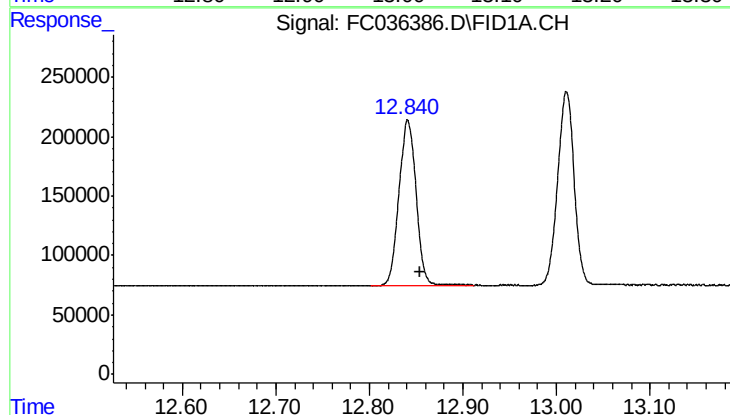
#10 n-Eicosane (C20)

R.T.: 12.401 min
Delta R.T.: -0.011 min
Response: 2025189
Conc: 20.96 ug/ml



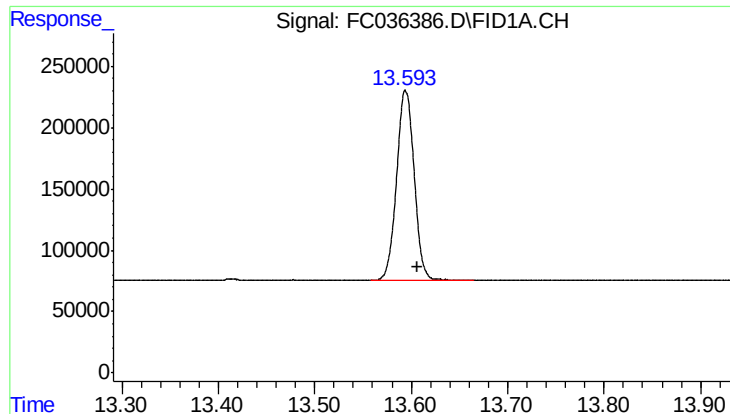
#11 n-Heneicosane (C21)

R.T.: 13.011 min
Delta R.T.: -0.010 min
Response: 1991431
Conc: 21.16 ug/ml



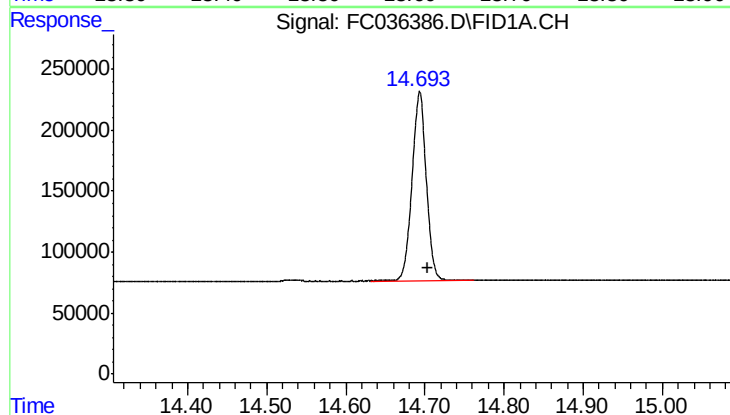
#12 1-chlorooctadecane (SURR)

R.T.: 12.841 min
Delta R.T.: -0.012 min
Response: 1759607
Conc: 21.56 ug/ml



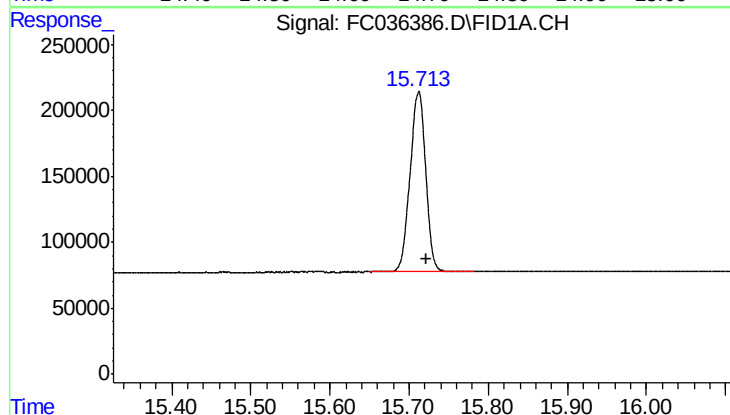
#13 n-Docosane (C22)

R.T.: 13.594 min
Delta R.T.: -0.012 min
Response: 1975021
Conc: 21.21 ug/ml



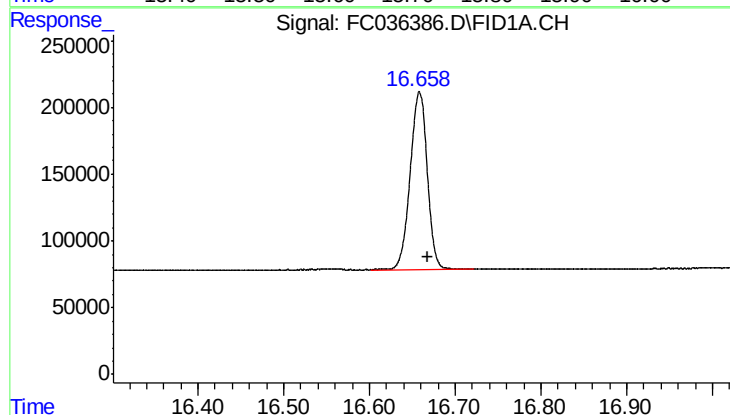
#14 n-Tetracosane (C24)

R.T.: 14.693 min
Delta R.T.: -0.010 min
Response: 1936812
Conc: 21.18 ug/ml



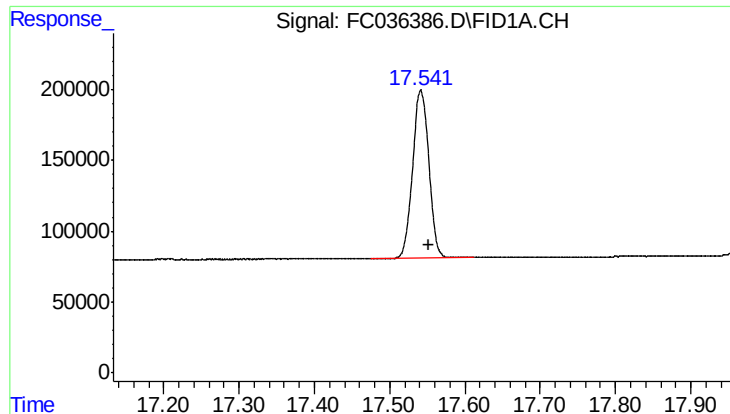
#15 n-Hexacosane (C26)

R.T.: 15.712 min
Delta R.T.: -0.010 min
Response: 1878684
Conc: 20.94 ug/ml



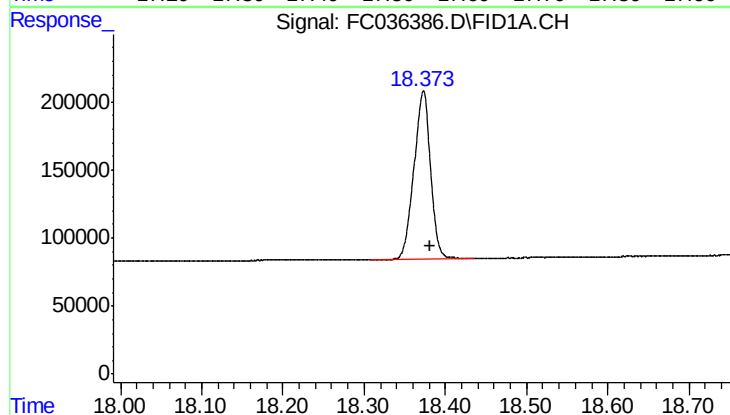
#16 n-Octacosane (C28)

R.T.: 16.658 min
Delta R.T.: -0.009 min
Response: 1833824
Conc: 20.15 ug/ml



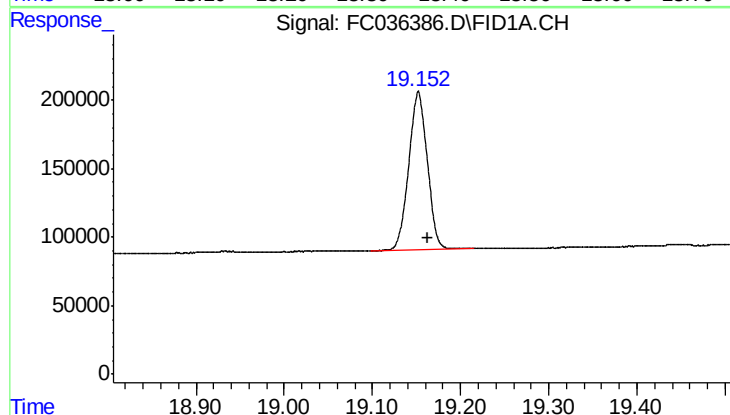
#17 n-Tricontane (C30)

R.T.: 17.541 min
Delta R.T.: -0.011 min
Response: 1774171
Conc: 18.44 ug/ml



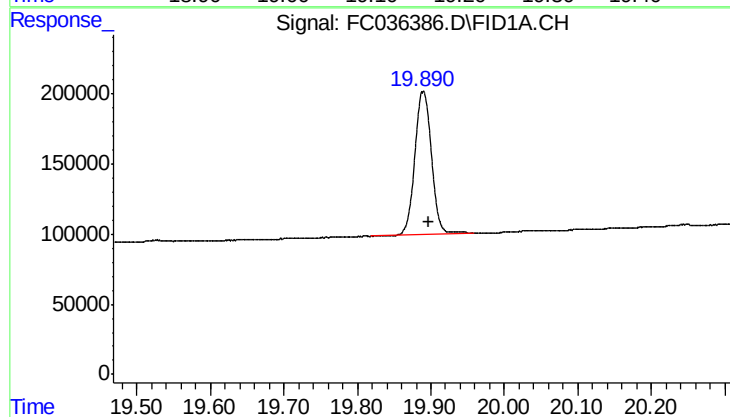
#18 n-Dotriacontane (C32)

R.T.: 18.373 min
Delta R.T.: -0.009 min
Response: 1740511
Conc: 18.43 ug/ml



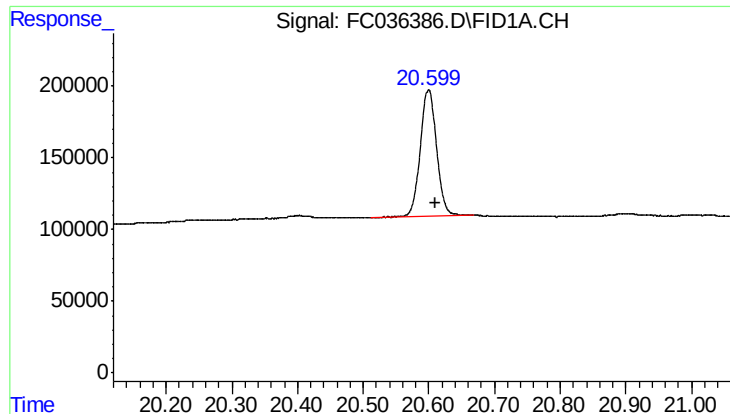
#19 n-Tetratriacontane (C34)

R.T.: 19.152 min
Delta R.T.: -0.010 min
Response: 1688320
Conc: 19.07 ug/ml



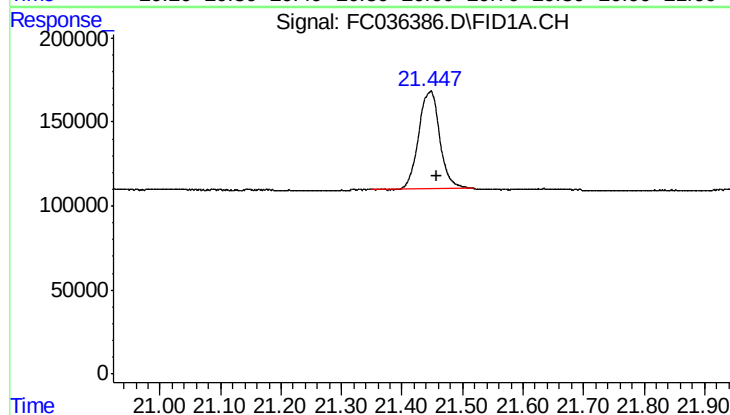
#20 n-Hexatriacontane (C36)

R.T.: 19.890 min
Delta R.T.: -0.008 min
Response: 1604281
Conc: 18.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.600 min
Delta R.T.: -0.011 min
Response: 1521472
Conc: 18.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.447 min
Delta R.T.: -0.010 min
Response: 1415760
Conc: 16.86 ug/ml